

**PCT REQUEST**Original (for **SUBMISSION**)

<b>0</b>	<b>For receiving Office use only</b>	<b>PCT/US17/40369</b>
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	<b>30 JUN 2017</b> <b>30-06-2017</b>
<b>0-3</b>	Name of receiving Office and "PCT International Application"	<b>PCT International Application RO/US</b>
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared Using	<b>PCT-SAFE [EFS-Web mode]</b> <b>Version 3.51.077.253 MT/FOP</b> <b>20170401/0.20.5.24</b>
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	<b>United States Patent and Trademark Office (USPTO) (RO/US)</b>
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	<b>2017P02620WO</b>
<b>I</b>	<b>Title of Invention</b>	<b>INTERMEDIATE LAYER FOR ADDED THERMAL PROTECTION AND ADHESION OF A THERMAL BARRIER LAYER TO A CERAMIC MATRIX COMPOSITE SUBSTRATE</b>
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is	<b>Applicant only</b>
<b>II-2</b>	Applicant for	<b>All designated States</b>
<b>II-4</b>	Name	<b>SIEMENS AKTIENGESELLSCHAFT</b>
<b>II-5</b>	Address	<b>Wittelsbacherplatz 2</b> <b>80333 München</b> <b>Germany</b>
<b>II-6</b>	State of nationality	<b>DE</b>
<b>II-7</b>	State of residence	<b>DE</b>
<b>II-8</b>	Telephone No.	<b>49 89 636 83848</b>
<b>II-9</b>	Facsimile No.	<b>49 89 636 81857</b>

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<b>III-1</b>	<b>Applicant and/or inventor</b>	
III-1-1	This person is	<b>Applicant only</b>
III-1-2	Applicant for	<b>AP: (BW GH GM KE LR LS MW MZ NA RW SD SL ST SZ TZ UG ZM ZW); BW GH GM KE LR LS MW MZ NA RW SD SL ST TZ UG ZM ZW</b>
III-1-4	Name	<b>SIEMENS ENERGY, INC.</b>
III-1-5	Address	<b>4400 Alafaya Trail Orlando, Florida 32826-2399 United States of America</b>
III-1-6	State of nationality	<b>US</b>
III-1-7	State of residence	<b>US</b>
<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is	<b>Inventor only</b>
III-2-3	Inventor for	<b>All designated States</b>
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<b>III-3</b>	<b>Applicant and/or inventor</b>	
III-3-1	This person is	<b>Inventor only</b>
III-3-3	Inventor for	<b>All designated States</b>
III-3-4	Name (LAST, First)	<b>HUANG, Ke</b>
III-3-5	Address	<b>14015 Portrush Drive Orlando, Florida 32828 United States of America</b>
<b>III-4</b>	<b>Applicant and/or inventor</b>	
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III-4-5	Address	<b>Dickhardtstraße 27 12161 Berlin Germany</b>
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III-5-3	Inventor for	<b>All designated States</b>
III-5-4	Name (LAST, First)	<b>VAN DER LAAG, Niels</b>
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<b>III-6</b>	<b>Applicant and/or inventor</b>	
III-6-1	This person is	<b>Inventor only</b>
III-6-3	Inventor for	<b>All designated States</b>
III-6-4	Name (LAST, First)	<b>PHAM, Gia Khanh</b>
III-6-5	Address	<b>Blumenweg 44 85579 Neubiberg Germany</b>
<b>III-7</b>	<b>Applicant and/or inventor</b>	
III-7-1	This person is	<b>Inventor only</b>
III-7-3	Inventor for	<b>All designated States</b>
III-7-4	Name (LAST, First)	<b>SUBRAMANIAN, Ramesh</b>
III-7-5	Address	<b>2936 Bayhead Run Oviedo, Florida 32765 United States of America</b>
<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>Agent</b>
IV-1-1	Name (LAST, First)	<b>SCOTT, Mark W.</b>
IV-1-2	Address	<b>Siemens Corporation- Intellectual Property Dept. 3501 Quadrangle Blvd. Ste. 230 Orlando, Florida 32817 United States of America</b>
IV-1-3	Telephone No.	<b>407-736-2472</b>
IV-1-4	Facsimile No.	<b>407-243-3175</b>
IV-1-6	Agent's registration No.	<b>52,202</b>
<b>V</b>	<b>DESIGNATIONS</b>	
<b>V-1</b>	<b>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</b>	
<b>VI-1</b>	<b>Priority Claim</b>	<b>NONE</b>
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	<b>European Patent Office (EPO) (ISA/EP)</b>

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<b>VIII</b>	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
<b>IX</b>	<b>Check list</b>	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	<b>5</b>	✓
IX-2	Description	<b>8</b>	—
IX-3	Claims	<b>2</b>	—
IX-4	Abstract	<b>1</b>	✓
IX-5	Drawings	<b>2</b>	—
IX-7	TOTAL	<b>18</b>	
	<b>Accompanying Items</b>	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
IX-11	Copy of general power of attorney	✓	—
<b>IX-20</b>	<b>Figure of the drawings which should accompany the abstract</b>	<b>2</b>	
<b>IX-21</b>	<b>Language of filing of the international application</b>	<b>English</b>	
<b>X-1</b>	<b>Signature of applicant, agent or common representative</b>	<b>/Mark W. Scott, Reg. No. 52,202/</b>	
<b>X-1-1</b>	Name (LAST, First)	<b>SCOTT, Mark W.</b>	
<b>X-1-3</b>	Capacity (if such capacity is not obvious from reading the request)		

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<b>10-1</b>	<b>Date of actual receipt of the purported international application</b>	<b>30 JUN 2017</b>	<b>30-06-2017</b>
<b>10-2</b>	<b>Drawings:</b>		
10-2-1	Received		
10-2-2	Not received		
<b>10-3</b>	<b>Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application</b>		
<b>10-4</b>	<b>Date of timely receipt of the required corrections under PCT Article 11(2)</b>		
<b>10-5</b>	<b>International Searching Authority</b>	<b>ISA/EP</b>	
<b>10-6</b>	<b>Transmittal of search copy delayed until search fee is paid</b>		

**FOR INTERNATIONAL BUREAU USE ONLY**

<b>11-1</b>	<b>Date of receipt of the record copy by the International Bureau</b>	
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